



Windows 10 Mobile (LUMIA)

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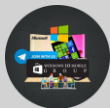
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HOW TO INTEROP UNLOCK **NON-X50 LUMIA** DEVICES

Requirements

- ❖ NON-X50 Lumia Device (Details in Introduction).

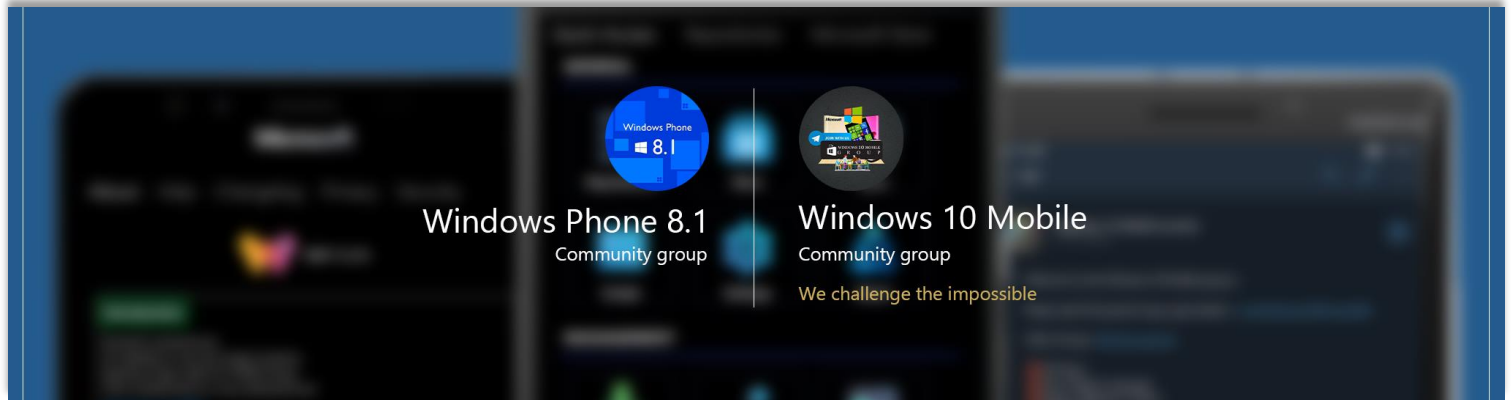


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NON-X50 LUMIA INTEROP UNLOCK

LAST UPDATE: 1/1/2023



W10M Group YouTube Channel



YOUTUBE

Apart from these documented Guides, we have started the roll up of Video Versions of each guide in our YouTube Channel.

Don't forget to **like** and **subscribe**!

How to Interop Unlock NON-X50 Lumia Devices



YOUTUBE

You can follow this video version instead of this PDF version if you prefer Video guidance more.



Windows 10 Mobile
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HOW TO INTEROP UNLOCK NON-X50 LUMIA DEVICES

- > What are NON-X50 Lumia?
- > Interop Unlock NON-X50 Lumia
- > Frequently Asked Questions (FAQ)



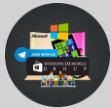
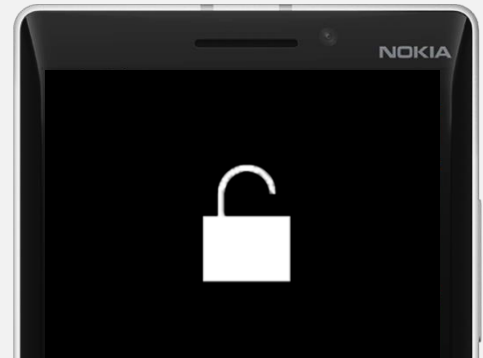


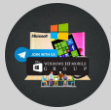
Table of Contents

NON-X50 LUMIA INTEROP UNLOCK

COMPLETE GUIDE



1) Introduction	Page 04
2) Preparations	Page 04
3) Interop Unlock NON-X50 Lumia	Page 05
4) Frequently Asked Questions (FAQ)	Page 07
5) End notes	Page 08
6) Credits	Page 08



Introduction

What exactly is Interop Unlock and do you really need it?

YES, this unlock is mandatory if you are to enjoy your Windows Phone now, here's what it does;

- This whole procedure will give you read and write access to almost most of the registry hives and keys.
- It will also remove the sideloadable package limit of the developer mode hence you can deploy/sideload unlimited number of apps apart from installing via Microsoft store.
- Also, this will enable new app capabilities that are restricted otherwise which are being used in third party sideloadable apps
(*Mostly power user / Advanced*)

What are NON-X50 LUMIA?

Any device which is not part of the X50 Lumia series are simply counted as NON-X50 Lumia.

SO, any LUMIA which is not a Lumia 550, 650, 950 & 950 XL are NON-X50 Lumia Devices.

Are there any pre-requirements?

NO.

This can be done even on a newly reset device as well.

Preparations



Download Interop Tools & install in your Lumia.



GITHUB



W.U.T



MEGA

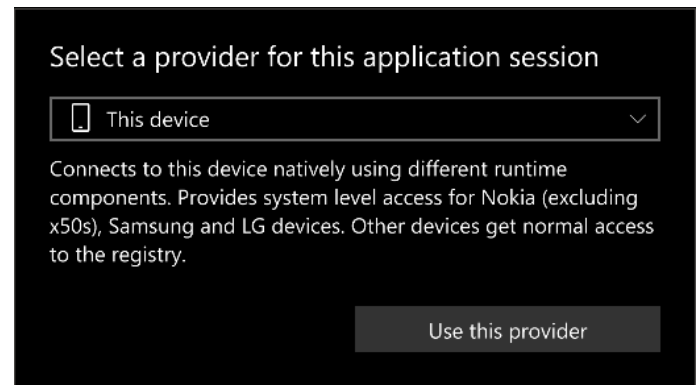


Interop Unlock NON-X50 Lumia

> Open Interop Tools application.

> Choose **This Device** as the provider.

(Do not choose *This Device (Through provider extentions)*)

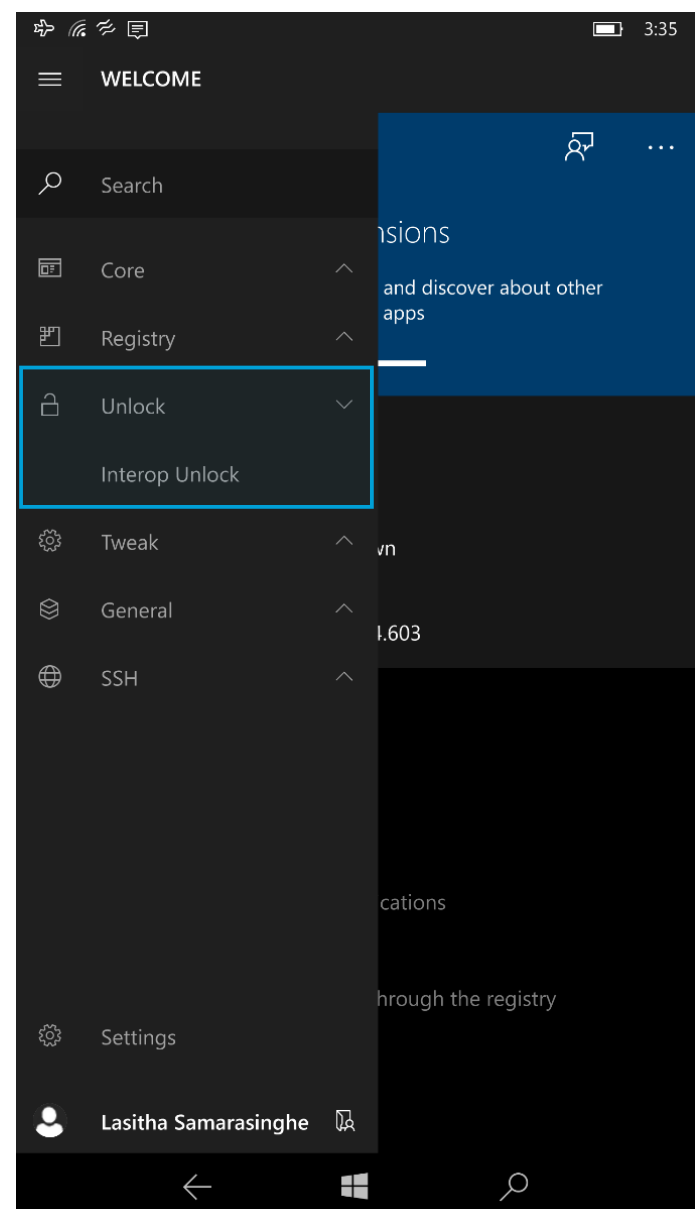


> Then, expand the the hamburger menu (Side menu)

Expand the **Unlock** section.

Click **Interop Unlock** entry.

That will take you to the Interop Unlock page.





> Activate the "Restore NDTKSvc" toggle. which is the last in the list of toggles.

Restore NDTKSvc

Restore the original path to the NDTKSvc dll
(allows editing the registry again)



After enabling it, **reboot the device**.

> When the phone boots back, go back to the same page in Interop Tools and then enable;

Interop/Cap Unlock

New Capability Engine Unlock

That is all the steps, it's pretty easy!

You now have an Interop Unlocked Lumia.

INTEROP UNLOCK

WARNING: This feature only works on NDTK-enabled devices, for unlocking lumia x5x devices, please refer to the vcREG app on xda-developers.com, for everything else, use this app.

Interop/Cap Unlock

Unlocks all caps including interop services



New Capability Engine Unlock

Unlocks all caps for the new capability engine



Full Filesystem Access

Allows accessing MainOS and Data from a Computer via MTP (Can cause problems on devices with a USB type C port)



Restore NDTKSvc

Restore the original path to the NDTKSvc dll
(allows editing the registry again)

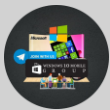


Allow the installation of NDTK on any device

TROUBLESHOOT

Q: My values keep reverting to off and 'Restore NDTKSvc' was never enabled

A: Make sure you are using a lumia which is not part of the 50 line up, then turn on 'Restore NDTKSvc' and reboot, now you should be able to turn on other options



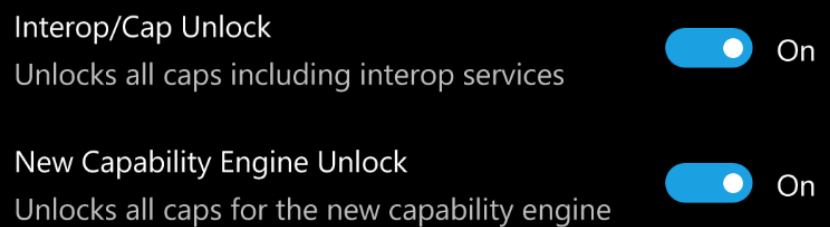
Frequently Asked Questions (FAQ)

Q. How to turn off Interop Unlock?

A. Once turned ON, it's tricky to turn it off, but there is no reason to turn it OFF cause Interop Unlock doesn't create any problems with the OS or it's functionality.

Q. If I hard reset the phone, will I lose Interop Unlock?

A. Yes, but you can re-enable it easily by just re-enabling **Interop/Cap Unlock** & **New Capability Engine Unlock** toggles as Restore *NDTKSvc toggle* will not disable by hard resetting the phone so you can skip that step of enabling it.



Q. If I re-flash the whole phone, will I lose Interop Unlock?

A. Yes, you will lose it completely and need to **do this guide from the beginning to have it back enabled**.

Q. What is Full FileSystem Access?

A. This an **optional** toggle, it is used to get limited access to **C Drive / MainOS** via the MTP connection to PC.

It is not very useful and can glitch the USB connection in USB Type-C devices as well so **it's not recommended to enable**.

Q. When enabling *Interop/Cap Unlock* and *New Capability engine unlock* in Interop tools, the app shows "**Working**" in status bar and seems stuck doing it, what is the cause?

A. You have to use Interop Tools **2.0.95** OR **2.1.24** version, all other older versions are not compatible.

Q. Interop/Cap Unlock toggle in Interop tools is **turned off after a reboot**, but other toggles are turned ON, is that an issue?

A. NO, you don't have to worry about that if that happened, the unlock is still enabled.



End notes

- Do not skip steps!

Credits

- ✓ Gustave Monce for Interop Tools

That's all to cover in this guide!

THANK YOU!!

Lasitha Samarasinghe

